GENERAL NOTES

- THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE THAT MAY BE CAUSED.
- 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE VILLAGE OF FRANKFORT PUBLIC WORKS FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
- THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
- 4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
- 5. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE A MINIMUM OF TWO (2) SANDBAGS ON THE BOTTOM RAIL. A TYPE III BARRICADE SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS.
- 6. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER.
- 7. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 8. THE BITUMINOUS MATERIALS (PRIME COAT) QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.25 GAL/SQ YD BETWEEN THE SUBBASE AND BASE COURSES, AND 0.08 GAL/SQ YD BETWEEN THE BASE AND BINDER COURSES AND THE BINDER AND SUFFACE COURSES.
- 9. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT UGES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- 10. SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED SHALL BE PROVIDED AT ALL CROSSWALK AND DRIVEWAY LOCATIONS OR AS DIRECTED BY THE ENGINEER, ACCORDING TO STANDARD 424001-04 AND PAID FOR IN ACCORDANCE WITH BDE 80146.
- 11. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE VILLAGE OF EPANGEODT
- 12. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 13. THE CONTRACTOR SHALL CLEAN THE CURB AND GUTTER AREA PRIOR TO
 THE ENGINEER MARKING CURB AND GUTTER REMOVAL AND REPLACEMENT
 LIMITS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE
 ITEM OF CURB AND GUTTER REMOVAL. CURB AND GUTTER TO BE REINFORCED
 WITH *4 X 10' REBAR OVER ALL UTILITY TRENCHES.

- 14. WHENEVER A SANITARY SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
- 15. THE VILLAGE OF FRANKFORT WATER DEPARTMENT SHALL BE RESPONSIBLE FOR TURNING THE WATER MAIN VALVES ON AND OFF. THE CONTRACTOR IS NOT ALLOWED TO TURN THE FRANKFORT OWNED WATER MAIN VALVES ON AND OFF. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF FRANKFORT FOR A WATER METER IF NECESSARY.
- 16. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 17. ALL PROPOSED SANITARY SEWER SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED.
- 18. THE FRAMES AND LIDS OF EXISTING UTILITY OR DRAINAGE STRUCTURES WITHIN THE LIMITS OF THIS IMPROVEMENT PROJECT THAT ARE NOT NOTED ON THE PLANS FOR REPLACEMENT OR RECONSTRUCTION SHALL BE ADJUSTED TO MATCH THE PROPOSED ROADWAY GRADES. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE ADJUSTMENTS PERFORMED.
- 19. TREE PRUNING AND TREE TRUNK PROTECTION HAVE BEEN PROVIDED FOR LOCATIONS WHERE EXISTING TREES MAY BE IMPACTED BY CONSTRUCTION ACTIVITY. THE ACTUAL NEED SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE DONE ACCORDING TO THE REQUIREMENTS OF ARTICLES 201.05 AND 201.06 OF THE STANDARD SPECIFICATIONS, RESPECTIVELY. TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE MEASURED AND PAID FOR ACCORDING TO ARTICLE 201.10 OF THE STANDARD SPECIFICATIONS. THESE QUANTITIES WILL BE DEDUCTED IF THE WORK IS NOT DEEMED NECESSARY AND NO EXTRA COMPRISATION SHALL BE DUE TO THE CONTRACTOR.
- 20. PAVEMENT PATCHING HAS BEEN INDICATED ON PLAN SET, INCLUDING PATCHING REQUIREMENTS FOR THE REPAIR OF LOCALIZED PAVEMENT FAILURES. THE ACTUAL NEED FOR PAVEMENT PATCHING WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 21. ALL STORM SEWER TO BE O-RING GASKETED OR EQUAL CONFORMING TO ASTM C443.
- 22. ALL MANHOLE COVERS SHALL BE STAMPED "VILLAGE OF FRANKFORT", ALL CASTINGS SHALL BE MADE IN THE U.S.A. WITH U.S.A. MATERIALS.
- 23. SHORTLY AFTER THE CONCRETE CURB IS POURED, MARK THE CURB WITH AN "S" FOR SEWER AND A "W" FOR WATER AT ALL KNOWN UTILITIES. OBTAIN THE "S" AND "W" STAMP FROM THE VILLAGE OF FRANKFORT.
- 24. AMOUNT OF PGES WAS ESTIMATED USING GEOTECHNICAL REPORT. ACTUAL AMOUNT AND LOCATION OF UNDER CUT WILL BE DETERMINED BY ENGINEER IN THE FIELD.
- 25. THE CONTRACTOR SHALL INSTALL FILTER FABRIC TEMPORARILY IN THE FRAME AND GRATE TO PREVENT SEDIMENT FROM ENTERING THE STRUCTURE. THE CONTRACTOR IS ALSO RESPONSIBLE FOR RESPONSIBLE FOR REMOVING THE FILTER FABRIC AT THE COMPLETION OF THE PROJECT.

F.A. SECTION COUNTY SHEETS NO	
3753 04-00037-00-WR WILL 92	
STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
838	
DISTRICT DETAILS	
BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB / EDGE OF SHOULDER ≥ 4.5 m (15FT.)	
BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.	
AND FACE OF CURB (4.5 m (15FT.)	
BD-03 OUTLET FOR CONCRETE CURB AND GUTTER	
BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER	
BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	
BD-22 PAYEMENT PATCHES FOR BITUMINOUS SURFACED PAYEMENT	
BD-24 CURB OR CURB AND GUTTER REMOVAL AND	
REPLACEMENT	
BD-32 BUTT JOINT AND BITUMINOUS TAPER DETAILS	
BD-36 FIRE HYDRANT TO BE MOVED	
BM-2 ANCHOR DETAIL FOR STEEL PLATE BEAM GUARD RAIL ON CONCRETE	
TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS,	
INTERSECTIONS, AND DRIVEWAYS	
TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	
TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS	
TC-16 PAYEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC	
STAGING	
TC-22 TEMPORARY INFORMATION SIGNING TC-23 TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING	
TREATMENT FOR RAILROAD CROSSINGS	
UTILITY LEGEND	
EXISTING PROPOSED	
->>->->->->->->->->->->->->->->->->-	
STORM SEWER	
GAS MAIN	
WATER MAIN	

METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS

781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT

APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS

720011

729001

AND MARKERS)

780001-01 TYPICAL PAVEMENT MARKINGS

REVISIONS			TI	INOTE DEPARTMEN	T OF TRANSPORTATION	
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STRAND ASSOCIATES, INC.					J 3753 C TRAIL	
			GENERAL NOTES, HIGHWAY STANDARDS, AND DISTRICT DETAILS			
ENGINEERS			SCALE:	VERT. N.T.S. HORIZ. 5/25/2006		JBH JRM

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TELEPHONE CABLE

ELECTRIC CABLE

MANHOLE / VALVE VAULT

CATCH BASIN

INLET

DENOTES INCIDENTAL WORK